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Attorneys for Sierra Club - Grand Canyon Chapter

AZ CORP COMMISSION
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**BEFORE THE ARIZONA POWER PLANT
AND TRANSMISSION LINE SITING COMMITTEE**

IN THE MATTER OF THE APPLICATION
OF ARIZONA SOLAR ONE, LLC, IN
CONFORMANCE WITH THE
REQUIREMENTS OF ARIZONA REVISED
STATUTES §§ 40-360, *et seq.*, FOR A
CERTIFICATE OF ENVIRONMENTAL
COMPATIBILITY AUTHORIZING THE
CONSTRUCTION OF THE SOLANA
GENERATING STATION, LOCATED IN
SECTION 9, TOWNSHIP 6 SOUTH, RANGE
7 WEST, MARICOPA COUNTY, ARIZONA.

Docket No. L-00000GG-08-0407-00139

Case No. 139

IN THE MATTER OF THE APPLICATION
OF ARIZONA SOLAR ONE, LLC, IN
CONFORMANCE WITH THE
REQUIREMENTS OF ARIZONA REVISED
STATUTES §§ 40-360, *et seq.*, FOR A
CERTIFICATE OF ENVIRONMENTAL
COMPATIBILITY AUTHORIZING THE
CONSTRUCTION OF THE SOLANA
GENTIE, WHICH ORIGINATES AT THE
SOLANA GENERATING STATION,
LOCATED IN SECTION 9, TOWNSHIP 6
SOUTH, RANGE 7 WEST, MARICOPA
COUNTY, AND TERMINATES AT THE
PANDA 230 Kv SUBSTATION, LOCATED
IN SECTION 20, TOWNSHIP 5 SOUTH,
RANGE 4 WEST, GILA BEND, ARIZONA.

Docket No. L-00000GG-08-0408-000140
Case No. 140

Arizona Corporation Commission

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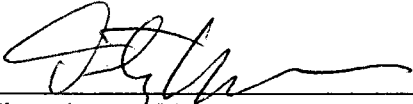
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NOTICE OF FILING WITNESS SUMMARY

Pursuant to Chairman Foreman's August 6, 2008 Procedural Order, Sierra
Club - Grand Canyon Chapter, files the attached witness summary of Sandy Bahr.

1 DATED this 17th day of September, 2008.

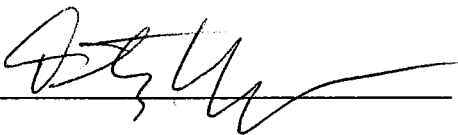
2 ARIZONA CENTER FOR LAW IN
3 THE PUBLIC INTEREST

4
5 By 
6 Timothy M. Hogan
7 202 E. McDowell Rd., Suite 153
8 Phoenix, Arizona 85004
9 Attorneys for Sierra Club – Grand Canyon
10 Chapter

11 ORIGINAL and 25 COPIES of
12 the foregoing filed this 17th day
13 of September, 2008, with:

14 Docketing Supervisor
15 Docket Control
16 Arizona Corporation Commission
17 1200 W. Washington
18 Phoenix, AZ 85007

19 COPIES of the foregoing electronically
20 transmitted this 17th day of September, 2008
21 to all parties of record

22
23
24
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**Arizona Solar One, LLC Construction Project
Docket No. L-00000GG-08-0407-00139**

**Arizona Solar One, LLC Transmission Project
Docket No. L-00000GG-08-0408-00140**

**Witness Summary
Of
Sandy Bahr**

Sandy Bahr is the Conservation Outreach Director for the Sierra Club – Grand Canyon Chapter. Ms. Bahr's testimony will express the Sierra Club's support for the proposed Solana facility, a proposed 280 megawatt concentrating solar power facility near Gila Bend, Arizona.

Ms. Bahr will outline the basic reasons for the Sierra Club's support including why the proposed location for this facility is appropriate from an environmental perspective and the need for concentrating solar power facilities to be a strong component of a clean energy plan for Arizona. The proposed facility site is not an environmentally sensitive area, it is on private land that has been used for agricultural purposes and will actually use less water than the current use. It is also located to take advantage of an existing transmission line corridor.

Arizona is a high growth state. In order to meet our energy needs for the future and limit the negative impacts on the environment, we will need to invest in energy efficiency and renewables as outlined in the Western Resource Advocates' *A Clean Energy Strategy for Arizona*. A component of the renewable resources generated in Arizona should be concentrating solar power. Environmental benefits are realized from concentrating solar plants because they generate power without producing greenhouse gas emissions and other air pollutants.